In the Claims:

This listing of claims replaces all prior versions.

1. (Previously presented) A circuit arrangement for a vehicle for generating at least two DC output voltages from at least one DC input voltage, wherein the DC output voltages are smaller than the DC input voltage, the circuit arrangement comprising:

a voltage regulator for generating the DC output voltages, to supply operating power to a set of circuit elements used for operating the vehicle, from a voltage regulator input,

a DC/DC converter for converting the DC input voltage to a lower voltage, the DC/DC converter configured to be switched on or off responsive to an on-off signal and to supply the lower voltage to the voltage regulator input as a source for generating the DC output voltages, and

a logic circuit configured to provide the on-off signal to the DC/DC converter in response to an idle state in which the set of circuit elements are switched off, the logic circuit further configured to receive the DC input voltage to power the logic circuitry when the DC/DC converter is switched off.

2. (Previously presented) A circuit arrangement as claimed in claim 1, characterized in that the DC input voltage is used for energy supply of the arrangement.

3. (Previously presented) A circuit arrangement as claimed in claim 1, characterized in that, with the exception of the DC/DC converter, the circuit arrangement is realized on an integrated circuit which is preceded by the DC/DC converter.

4. (Previously presented) A circuit arrangement as claimed in claim 1, characterized in that the circuit arrangement is realized together with the DC/DC converter on an integrated circuit.

5. (Previously presented) An integrated circuit for a vehicle for generating DC output voltages from at least one DC input voltage, wherein the DC output voltages are smaller than the DC input voltage, the integrated circuit comprising:

a voltage regulator for generating the DC output voltages from a voltage regulator input;

an on-off logic circuit configured to generate a switching signal in response to an idle state in which circuit elements powered by the DC output voltages are off, the circuit elements used for operating the vehicle, the on-off logic circuit further configured to receive the DC input voltage to power the on-off logic circuit; and

a DC/DC converter configured to switch on or off in response to the switching signal.

6. (Previously presented) A circuit arrangement as claimed in claim 1, characterized in that the DC input voltage has a value of approximately 42 volts and the voltage supplied by the DC/DC converter has a value of approximately 12 volts.

7. (Previously presented) The circuit arrangement of claim 1, wherein the logic circuit is not powered by the DC/DC converter when the DC/DC converter is on.

8. (Previously presented) The circuit arrangement of claim 1, wherein the DC output voltages are smaller than the lower voltage.

9. (Previously presented) The circuit arrangement of claim 1, further comprising a power supply configured to supply the DC input voltage, and wherein the circuit arrangement does not include a battery that is separate from the power supply.

10. (Previously presented) The integrated circuit of claim 5, further comprising a power supply configured to supply the DC input voltage, wherein the integrated circuit does not include a battery that is separate from the power supply, and wherein the on-off logic circuit is not powered by the DC/DC converter when the DC/DC converter is on.

11. (Previously presented) The integrated circuit of claim 5, wherein the DC/DC converter is configured to convert the DC input voltage to a lower voltage and to supply the lower voltage to the voltage regulator input.

12. (Previously presented) The integrated circuit of claim 11, wherein the DC output voltages are smaller than the lower voltage.

13. (Previously presented) A circuit arrangement for a vehicle, the circuit arrangement comprising:

a DC/DC converter configured to convert a DC input voltage to a lower voltage responsive to an on-off signal;

a voltage regulator configured to generate at least two DC output voltages from the lower voltage and to supply the DC output voltages to circuit elements used for operating the vehicle, the DC output voltages being smaller than the DC input voltage; and

control circuitry configured to generate the on-off signal responsive to an idle state in which the circuit elements are switched off, the control circuitry including an input that is configured to receive the DC input voltage to power the control circuitry.

14. (Previously presented) The circuit arrangement of claim 13, wherein the control circuitry is not powered by the DC/DC converter when the DC/DC converter is on.

15. (Previously presented) The circuit arrangement of claim 13, wherein the DC output voltages are smaller than the lower voltage.

16. (Previously presented) The circuit arrangement of claim 13, further comprising a power supply configured to supply the DC input voltage, and wherein the circuit arrangement does not include a battery that is separate from the power supply.

17. (Previously presented) The circuit arrangement of claim 13, wherein the DC/DC converter is configured to turn off responsive to the on-off signal when the circuit elements are to be turned off and the DC/DC converter is configured to turn on responsive to the on-off signal when the circuit elements are to be turned on.